## EAST Search History

## EAST Search History (Prior Art)

| Ref #       | Hits  | Search Query               | DBs                                                                                  | Default<br>Operator | Plurals | Time Stamp          |
|-------------|-------|----------------------------|--------------------------------------------------------------------------------------|---------------------|---------|---------------------|
| S1          | 1     | 10/643422                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                             | OR                  | ON      | 2008/11/07<br>18:55 |
| s2          | 412   | Tanaka near2<br>Katsuaki   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                             | OR                  | ON      | 2008/11/07<br>18:55 |
| s3          | 28    | Narusawa near2<br>Sadayuki | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                             | OR                  | ON      | 2008/11/07<br>18:56 |
| S4          | 435   | S2 or S3                   | US-PGPUB;<br>USPAT;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/11/07<br>18:56 |
| <b>\$</b> 5 | 2144  | dsp near7<br>parameter     | US-PGPUB; USPAT; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                      | OR                  | ON      | 2008/11/07<br>18:56 |
| s6          | 2     | S4 and S5                  | US-PGPUB; USPAT; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                      | OR                  | ON      | 2008/11/07<br>18:56 |
| <b>s</b> 7  | 63144 | yamaha                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                             | OR                  | ON      | 2008/11/07<br>18:59 |

| 58                                     | 140    | S5 and S7                                                           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                   | OR  | ON                                    | 2008/11/07<br>18:59 |
|----------------------------------------|--------|---------------------------------------------------------------------|----------------------------------------------------------------------------|-----|---------------------------------------|---------------------|
| <b>S</b> 9                             | 56629  | record\$3 and amplifier and reproduc\$3                             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                   | OR  | ON                                    | 2008/11/07<br>19:00 |
| S10                                    | 34     | S8 and S9                                                           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                   | OR  | ON                                    | 2008/11/07<br>19:01 |
| s11                                    | 851235 | (record\$3 or<br>reproduc\$3)<br>near17 (disk or<br>disc or medium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                   | OR  | ON                                    | 2008/11/07<br>19:04 |
| s12                                    | 26     | S10 and S11                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | MON                                   | 2008/11/07<br>19:04 |
| :::::::::::::::::::::::::::::::::::::: | 87779  | (record\$3 or<br>reproduc\$3)<br>near17 (cd)                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                   | OR  | ON                                    | 2008/11/07          |
| \$14                                   | 11     | S12 and S13                                                         | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                   | OR  | ON                                    | 2008/11/07<br>19:13 |
| \$15                                   | 7      | "7065287"                                                           | US-PGPUB; US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                | NOR | · · · · · · · · · · · · · · · · · · · | 2008/11/07<br>19:15 |

| S16         | 0      | firmaware.clm.                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | Monument of the second of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MOO   | 2008/11/09<br>19:17 |
|-------------|--------|-------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|
| s17         | 594274 | (firmaware or readable medium).                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ON    | 2008/11/09<br>19:18 |
| S18         | 0      | (firmawar).clm.                                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ON    | 2008/11/09<br>19:18 |
| S19         | 5619   | (firmware).clm.                                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ON    | 2008/11/09<br>19:18 |
| <b>S2</b> 0 | 105656 | "369"/\$.ccls.                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FOON  | 2008/11/09<br>19:19 |
| S21         | 100    | S19 and S20                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | , COR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | , won | 2008/11/09<br>19:19 |
| S22         | 14     | "6345034"                                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ON    | 2008/11/10<br>10:36 |
| \$23        | 229206 | table near17<br>(frequen\$5 or<br>character\$7) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Manual<br>Ma<br>Ma<br>Manual<br>Manual<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma<br>Ma | , mon | 2009/08/14          |

| S24         | 13973  | (table near17<br>(frequen\$5 or<br>character\$7)).<br>clm.                   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB                   | OR | истинининининининининининининининининини | 2009/08/14<br>20:12 |
|-------------|--------|------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|------------------------------------------|---------------------|
| \$25        | 23164  | ((recording or writing or reproducing) near17 (frequen\$5 or character\$7)). | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | MON                                      | 2009/08/14<br>20:12 |
| S26         | 26151  | (amplifier near17<br>(frequen\$5 or<br>character\$7)).<br>clm.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                       | 2009/08/14<br>20:13 |
| <b>s2</b> 7 | 17     | S24 and S25 and S26                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                       | 2009/08/14<br>20:13 |
| S28         | 66592  | yamaha                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                       | 2009/08/14          |
| S29         | 229206 | (table near17<br>(frequen\$5 or<br>character\$7))                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | MON MONTH                                | 2009/08/14<br>20:14 |
| <br>S30     | 229687 | (amplifier near17<br>(frequen\$5 or<br>character\$7))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                       | 2009/08/14          |
| S31         | 229687 | (amplifier near17<br>(frequen\$5 or<br>character\$7))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                       | 2009/08/14<br>20:14 |

| S32 | •  | S30 and S31 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | 3 | 2009/08/14<br>20:15 |
|-----|----|-------------|----------------------------------------------------------------------------|----|---|---------------------|
| S33 | 10 |             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | 3 | 2009/08/14<br>20:50 |

8/30/2009 5:50:32 PM

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